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## SMALLPOX IN THE UNITED STATES, 1920.

The accompanying table shows the reported prevalence of smallpox in the United States during the calendar year 1920 as compared with the preceding seven years.

Annual case rates per thousand population are shown, the first nine months being given by quarters and the last three months being given separately.

The median rate for the quarter (or month) was obtained by using the median number of cases reported for each State for each quarter (or month) during the last seven years, and the median-year rate was obtained by using the number of cases reported for the median year during the years 1913 to 1919, inclusive. When data were not available for the full seven years, as many years as possible were included, but no data earlier than 1913 were used.

The table as a whole shows a decided increase during 1920 in the number of cases of smallpox reported. During December, 1920, the rate for the 38 States combined was more than three times the median rate for that month, and the rate for the year 1920 was twice that for the median year.

The northeastern States show comparatively few cases of smallpox, while many of the western States show a decided increase in the number of cases reported.

*Smallpox—Annual case rates per 1,000 population; comparison of 1920 with the median of the period 1913-1919.*

State.	1920								Median, 1913-1919.							
	Jan., Feb., Mar.	Apr., May, June.	July, Aug., Sept.	Oct.	Nov.	Dec.	Year.	Jan., Feb., Mar.	Apr., May, June.	July, Aug., Sept.	Oct.	Nov.	Dec.	Median year.		
Alabama.....	0.7	1.0	0.2	0.2	0.2	1.0	0.6	0.7	0.4	0.1	0.1	0.1	0.3	0.4		
Arizona.....	.6	1.2	.2	.0	.2	.2	.5	1.1	1.4	.1	.0	.0	.0	.6		
Arkansas.....	.8	.7	.2	.1	.1	.1	.4	1.4	1.2	.1	.1	.4	.5	1.2		
California.....	1.6	.9	.6	1.3	2.0	2.5	1.3	.3	.2	.1	.1	.1	.1	.2		
Colorado.....	4.6	3.7	1.1	1.8	4.0	2.6	3.1	.6	.6	.2	.4	.8	.6	.4		
Connecticut.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1		
Dist. of Columbia.....	.3	.4	.1	.1	.0	.0	.2	.1	.2	.0	.0	.1	.0	.1		
Florida.....	1.1	.2	.1	.4	.3	.7	.4	.1	.1	.0	.1	.0	.0	.1		
Idaho.....	7.7	7.1	1.9	2.1	7.3	4.2	5.3	2.2	2.1	.8	.2	1.1	3.9	1.7		
Illinois.....	1.0	1.7	.4	.6	1.0	2.4	1.1	.9	.7	.2	.3	.5	.6	.6		
Indiana.....	2.5	2.3	.7	.9	1.8	3.2	1.9	1.7	1.8	.3	.5	.8	1.0	1.3		
Iowa.....	1.8	2.2	.7	1.2	2.7	4.0	1.8	1.5	1.3	.2	.3	.7	1.1	.9		
Kansas.....	2.9	3.5	.9	1.0	1.0	2.0	2.1	1.6	1.8	.3	.6	1.1	1.2	1.4		
Louisiana.....	1.4	.9	.3	.2	.6	1.7	.9	.8	.5	.1	.2	.1	.5	.5		
Maine.....	.6	.3	.1	.2	.3	.3	.3	.9	.4	.4	.4	.9	.6	.8		
Maryland.....	.2	.2	.0	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.1		
Massachusetts.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
Michigan.....	1.4	1.5	.7	1.0	1.2	2.6	1.3	.6	.6	.3	.4	.6	.7	.6		
Minnesota.....	2.1	2.2	1.0	1.9	4.3	7.1	2.5	1.2	1.6	.3	.4	.7	1.3	1.0		
Mississippi.....	3.7	2.2	.5	.4	.8	.8	1.8	1.6	1.3	.3	.4	.6	1.1	1.1		
Montana.....	2.4	2.8	.7	1.3	1.8	2.6	1.9	2.9	2.4	.7	1.3	2.1	2.0	2.1		
Nebraska.....	5.4	4.2	.8	.9	1.8	4.1	3.2	3.6	4.1	1.0	1.1	1.5	2.9	2.6		
New Jersey.....	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
New York.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
North Carolina.....	2.3	1.4	.4	.3	.4	.7	1.2	.8	.9	.3	.4	.4	.7	.6		
North Dakota.....	.4	.7	.3	.5	1.9	3.4	.8	.8	.9	.2	.0	.6	.3	.5		
Ohio.....	1.2	1.5	.5	.9	1.9	2.5	1.2	.9	.9	.3	.4	.8	.7	.8		
Oregon.....	7.6	3.0	1.3	1.9	2.3	2.0	3.5	.9	.9	.3	.1	.3	.6	.7		
Pennsylvania.....	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0		
Rhode Island.....	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		

*Smallpox—Annual case rates per 1,000 population; comparison of 1920 with the median of the period 1913–1919—Continued.*

State.	1920							Median, 1913–1919.						
	Jan., Feb., Mar.	Apr., May, June.	July, Aug., Sept.	Oct.	Nov.	Dec.	Year.	Jan., Feb., Mar.	Apr., May, June.	July, Aug., Sept.	Oct.	Nov.	Dec.	Me- dian year.
South Carolina.....	1.0	0.7	0.2	0.1	0.4	1.4	0.6	0.1	0.2	0.0	0.1	.1	0.2	0.2
South Dakota.....	2.4	2.9	.5	.4	1.8	2.8	1.9	2.2	1.9	.6	.5	.5	1.3	1.7
Vermont.....	.0	.0	.0	1.0	.0	1.5	.3	.2	.4	.1	.0	.0	.1	.2
Virginia.....	2.9	1.7	.7	.4	.4	.6	1.4	.8	.7	.2	.3	.2	.5	.7
Washington.....	8.1	4.6	1.7	1.6	3.2	4.7	4.4	.9	1.0	.4	.2	.4	.5	.6
West Virginia.....	2.7	2.1	1.0	.7	.9	2.1	1.8	1.3	1.2	.2	.3	.8	.8	.9
Wisconsin.....	2.9	2.2	1.1	1.3	2.6	3.2	2.1	.9	.9	.3	.5	.7	1.2	.8
Wyoming.....	8.0	6.3	2.4	1.8	1.0	2.6	4.6	1.0	.5	.3	.3	.4	.3	.5
All above States.....	1.4	1.2	.4	.5	1.0	1.6	1.0	.7	.7	.2	.2	.4	.5	.5

## PRINCIPAL CAUSES OF DEATH, 1920.

DEATH RATES FROM PRINCIPAL CAUSES DURING NOVEMBER AND DECEMBER AND THE LAST QUARTER OF 1920, AND COMPARISON OF RATES FOR 1920 WITH THOSE FOR PREVIOUS YEARS.

The accompanying tables are reprinted from the Statistical Bulletin of the Metropolitan Life Insurance Co. for January, 1920. The rates in these tables for the different periods of 1920 are based on a strength of approximately 13,000,000 insured persons.

*Death rates (annual basis) per 100,000 lives exposed for principal causes, November and December, 1920, and year 1919.*

[Industrial Department, Metropolitan Life Insurance Co.]

Cause of death.	Death rate per 100,000 lives exposed.		
	December, 1920.	November, 1920.	Year 1919.
Total, all causes.....	940.1	813.7	1,063.0
Typhoid fever.....	5.0	9.0	7.3
Measles.....	3.4	2.1	3.5
Scarlet fever.....	8.7	6.8	3.9
Whooping cough.....	4.3	2.6	3.2
Diphtheria.....	34.8	30.4	20.3
Influenza.....	8.5	5.5	96.0
Tuberculosis (all forms).....	124.1	109.7	156.5
Cancer.....	76.1	67.7	67.0
Meningitis (all forms).....	4.5	4.0	6.4
Cerebral hemorrhage.....	65.4	54.8	59.8
Organic diseases of heart.....	121.0	101.6	113.9
Pneumonia (all forms).....	85.9	51.9	117.2
Other respiratory diseases.....	17.1	14.6	17.0
Diarrhea and enteritis.....	9.6	14.3	16.9
Bright's disease.....	74.6	63.0	73.5
Puerperal state.....	17.6	14.9	20.0
Suicides.....	5.6	5.8	6.8
Homicides.....	6.8	5.1	6.9
Other external causes (excluding suicides and homicides).....	57.5	58.9	80.4
Traumatism by automobile.....	10.2	14.5	10.7
War deaths.....		.4	16.6
All other causes.....	209.5	191.0	184.9